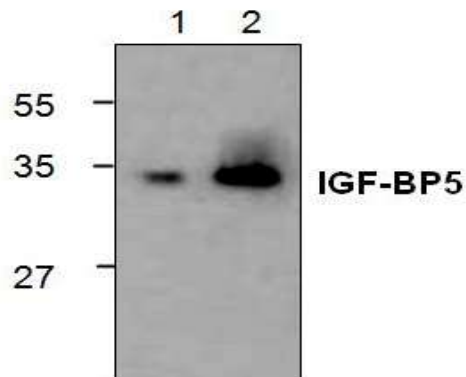


Anti-human IGF-BP5 Polyclonal Antibody

CATALOG NO:	5723-30T 30 µg (Trial size) 5723-100 100 µg
CONCENTRATION:	0.5 mg/ml
IMMUNOGEN:	<i>E. coli</i> expressed human IGF-BP5 (Cat. No. 4723-25)
INTERNAL ID:	BV- F47
HOST:	Rabbit
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified rabbit IgG
FORMULATION:	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal
STORAGE CONDITIONS:	Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	Human IGF-BP5 is a cysteine-rich secreted protein produced by vascular smooth muscle cells. It is the major IGF-binding protein present in bone tissue and helps potentiate the action of IGF-I on smooth muscle cells, fibroblasts or osteoblasts. Studies show that IGF-BP5 acts as a growth inhibitor and pro-apoptotic agent in breast cancer cells. IGF-BP5 overexpressing mice show an increase in neonatal mortality, reduced female fertility, whole body growth inhibition, and retarded muscle development. Western blot: 0.5-4 µg/ml
APPLICATION:	Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of IGF-BP5 using recombinant human IGF-BP5.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- 20 Minutes Gel Staining/Destaining Kit
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Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies